### This Week in Science

#### Editorial

777 Mineral Dusts and Radon in Uranium Mines

#### Letters


#### ScienceScope

787 DOE budget battles endanger SLAC; forestry research puts down roots; etc.

#### News & Comment

788 Indirect Costs; Round II A Tour Through the Indirect Cost Labyrinth
790 Famine: Blame Policy, Not Nature
791 Patriot’s Effectiveness Challenged Congress Approves $9 Billion for NIH
792 NIH Unveils Plan for Women's Health Project
793 Yokoh Captures a Solar Flare Hunger Strike at Kamchatka Institute
794 Synchrotron Light: The Third Generation ■ The Biggest and the Brightest
796 Briefings: Minorities Need More Nurture ■ Biotech Rollercoaster ■ Gloomy Words From Soviet Physicist ■ New Canadian Medical Head ■ Eccentric Science ■ Relief for Cat Persons ■ Toxic Waste Program Lacks Science Base

#### Research News

798 Che Found to T Cell Loss in AIDS ■ Autoimmunity Explored in AIDS Pathology
800 When Diamonds Met Buckyballs
801 NMDA Receptor Cloned—Twice!
802 Ancient Rocks, Rhythms in Mud, a Tipsy Venus: Pushing Plate Tectonics Back a Billion Years ■ Ocean Mud Pins Down a Million Years of Time ■ Magellan Finds a Flock of Venusian Volcanoes
804 Saving Seeds for Future Generations
805 GRAIL Seeks Out Genes Buried in DNA Sequence

#### Articles

811 Myths and Realities of U.S. Competitiveness: P. A. KRUGMAN
815 Molecular Basis of Latency in Pathogenic Human Viruses: M. A. GARCIA-BLANCO AND B. R. CULLEN

#### Research Article


#### Reports

826 Superconductivity at 45 K in Rh/Tl Codoped $C_{60}$ and $C_{60}/C_{70}$ Mixtures: Z. IQBAL, R. H. BAUGHMAN, B. L. RAMAKRISHNA, S. KHARE, N. S. MURTHY, H. J. BORNEMANN, D. E. MORRIS

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Note: The PDF appears to be a scanned page from a scientific journal, containing various articles, news, and research updates. The text is dense and technical, indicative of a professional scientific publication.
Cover. Plant lectins, such as the one isolated from the red-flowered *Erythrina corallodendron* tree, agglutinate erythrocytes and serve as a paradigm for protein-carbohydrate interactions at cell surfaces. The unusual quaternary structure of the *E. corallodendron* lectin demonstrates the extreme effect of glycosylation on protein assembly. See page 862. [Photo of the *E. corallodendron* bloom by the Photographic Laboratory, Weizmann Institute; photo of the lectin model by W. Randolph, National Institutes of Health]


839 Structural Control of Flank Volcanism in Continental Rifts: M. Ellis and G. King

842 Theoretical Fermi-Surface Properties and Superconducting Parameters for $K_{3}C_{60}$: S. C. Erwin and W. E. Pickett

845 Modulation of the Affinity of Integrin $\alpha_{ib}\beta_{3}$ (GPIIb-IIIa) by the Cytoplasmic Domain of $\alpha_{ib}$: T. E. O'Toole, D. Mandelman, J. Forsyth, S. J. Shattil, E. F. Plow, M. H. Ginsberg


850 Activation of a Small GTP-Binding Protein by Nucleoside Diphosphate Kinase: F. A. Randazzo, J. K. Northup, R. A. Kahn


860 Selective Depletion in HIV Infection of T Cells That Bear Specific T Cell Receptor $\nu_{T}$ Sequences: L. Imberti, A. Sottini, A. Bettinardi, M. Puoti, D. Primi

862 Structure of a Legume Lectin with an Ordered N-linked Carbohydrate in Complex with Lactose: B. Shaanan, H. Liss, N. Sharon

866 A Phosphorylation Site in the Na$+$ Channel Required for Modulation by Protein Kinase C: J. W. West, R. Numann, B. J. Murphy, T. Scheuer, W. A. Caterall

Book Reviews


Products & Materials
